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**Sent:** 10/5/2018 12:38:49 PM  
**To:** Dunlap, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=591eb15a268249dda0c05a7451f765c3-Dunlap, Dav]  
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**Subject:** PFAS follow up  
**Attachments:** PFAS In vivo study matrix\_v4\_10'5'17.pptx; Lindstrom et al 2011 Decatur es1039425.pdf; Sun ES&T 2016 acs.estlett.6b00398.pdf; Washington 2016 global pfas survey.pdf  
**Flag:** Follow up

Hello David, it was nice meeting you yesterday to discuss PFAS. Below are a few follow up items I said I would send, plus a couple more.

1. Link to the ORD PFAS dashboard – you can bookmark this for future reference:

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2. Link's to OW's PFOA and PFOS page, with key documents. The **Health Effects Support Documents** are the documents which derive the toxicity values (reference doses) for PFOA and PFOS – similar to an IRIS assessment but done by OW using their methods, including peer review. The **Health Advisory Documents** then takes the reference dose, makes assumptions about drinking water consumption and other issues, and translates that into the Health Advisory Goal level of 70 ppt in drinking water for PFOA+PFOS. That 70 ppt number comes up often; it is not a regulatory number, but the closest thing EPA has to one.

<https://www.epa.gov/ground-water-and-drinking-water/drinking-water-health-advisories-pfoa-and-pfos>

- 3.

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4. Some of the key publications by ORD staff, focusing on different aspects of PFAS

- a. Andy Lindstrom (ORD/NERL) et al – PFAS in Decatur AL, link to biosolids:



Lindstrom et al  
2011 Decatur es...

- b. Sun et al, the 2016 paper that identified the GenX problem in NC:



Sun ES&T 2016  
acs.estlett.6b003...

- c. John Washington (ORD/NERL) et al – global distribution of PFAS:


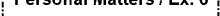



Washington 2016  
global pfas surve...

Enough for now, please let me know if you have any further needs, and I look forward to working with you on this issue

Regards, Andy

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 Personal Matters / Ex. 6